

Comparisons of Job Characteristics

Focus Occupation: **Health Educators (21-1091)**

Associated Occupation: **Epidemiologists (19-1041)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 42

Focus Occupation: Health Educators (21-1091)
Associated Occupation: Epidemiologists (19-1041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	18.7	6.5	<<	Extensive education and/or training may be required
English Language	11.2	17.6	13.7	<<	Extensive education and/or training may be required
Biology	3.7	16.5	5.0	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	12.7	4.2	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.6	12.8	>	Current knowledge level is likely sufficient
Geography	3.9	8.8	3.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Health Educators (21-1091)
Associated Occupation: Epidemiologists (19-1041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Science	4.5	18.2	7.3	<<	Extensive development of skills in this area may be required
Reading Comprehension	10.7	16.7	12.9	<<	Extensive development of skills in this area may be required
Active Listening	11.0	14.6	13.1	<	A higher skill level may be required
Critical Thinking	10.8	14.6	12.2	<	A higher skill level may be required
Writing	9.2	14.3	13.9	0	Current skill level may be sufficient

Complex Problem Solving	9.1	13.9	9.0	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	13.9	9.8	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.3	10.4	<<	Extensive development of skills in this area may be required
Active Learning	8.7	13.0	9.8	<<	Extensive development of skills in this area may be required
Coordination	9.1	11.8	9.6	<	A higher skill level may be required
Systems Analysis	6.5	11.8	6.7	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	11.5	6.9	<<	Extensive development of skills in this area may be required
Mathematics	6.2	11.0	3.3	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	9.5	9.8	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Health Educators (21-1091) Associated Occupation: Epidemiologists (19-1041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	16.4	15.2	0	Current ability level may be sufficient
Problem Sensitivity	11.1	16.2	11.0	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	16.0	13.7	<	Some improvement in abilities may be required
Oral Expression	12.4	15.7	15.9	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.2	11.2	<<	Extensive improvement in abilities may be required
Written Expression	9.8	15.0	14.8	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.6	11.4	<<	Extensive improvement in abilities may be required
Category Flexibility	9.0	12.2	9.8	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.8	9.3	<	Some improvement in abilities may be required
Mathematical Reasoning	6.3	11.5	5.0	<<	Extensive improvement in abilities may be required
Number Facility	6.3	11.0	4.5	<<	Extensive improvement in abilities may be required
Memorization	5.6	8.4	3.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 85

Focus Occupation: Health Educators (21-1091)
Associated Occupation: Epidemiologists (19-1041)

Work Activities	Exclusivity of Activity
Convert information into instructional program	38
Establish and maintain relationships with health specialists or civic groups	92
Make presentations	13
Make presentations on health or medical issues	50
Research health improvement issues	89
Teach health personnel	92
Use oral or written communication techniques	1
Use scientific research methodology	21

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 82

Focus Occupation: Health Educators (21-1091)
Associated Occupation: Epidemiologists (19-1041)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.